ABSTRACT

Described herein is a technology for automatically updating the most current program modules associated with a just-detected hardware device. In one described implementation, a program-module updater generates a list of to-be-copied program modules. Typically, these modules are associated with just-detected hardware devices. This implementation of the updater stores a data structure for each module in such list. Each data structure includes an entry that indicates the source location of the associated module. For example and typically, the source location is the original source location for the installation of the operating system. The updater implementation examines the list to identify any of the listed modules have been updated and it modifies the associated data structure of each updated module so that a source entry in each data structure indicates the updated source for the updated module. The updater copies all modules in the list to a hardware-specific program module storage location of a computer. The source of each module is indicated by its associated data structure.